

ABSTRACT

A cluster mill includes an axially displacing and holding device for displaceable intermediate and/or working mills (11), with the chocks (7) being guided in a sliding manner inside the cluster mill stand housing posts (1), the rolls (11) are be displaced in axially opposite directions by piston-cylinder units (5), and the piston rods (5a) are pivotally connected to a main traverse (4). In order to prevent the main traverse (4) from becoming damaged by non-uniform action of the piston-cylinder units (5) during displacement, there are provided moving beams (1a), which are located on both sides of the chock (7) and are mounted inside the cluster mill stand housing posts (1) via the connecting traverses (2), the connecting traverses (2) being pivotally connected to the middle of the main traverse (4), whereby the piston rods (5a) of the piston-cylinder units (5) are pivotally connected to opposite ends (4a, 4b) of the main traverse (4), and each piston-cylinder unit (5) is controlled according to path by a displacement sensor (10).